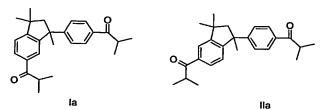
What is daimed is:

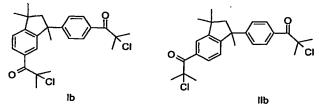
1. A process for the preparation of a crystalline isomeric mixture of compounds of formulae I and II

which process comprises the following steps:

a) the slow addition of aluminium chloride, in portions, to a solution comprising 1,1,3-trimethyl-3-phenylindan and isobutyric acid halide in a suitable solvent at a reaction temperature of from -20°C to 20°C, an isomeric mixture consisting of compounds of formulae la and lla being obtained



 enol chlorination of compounds la and lla, an isomeric mixture consisting of compounds of formulae lb and llb being obtained



- c) hydrolysis of the chlorinated isomeric mixture from step b).
- 2. A process for the preparation of a crystalline compound of formula I

which process comprises steps a) and b) according to claim 1,

- c) separation of the compound of formula Ib by recrystallisation
- d) hydrolysis of compound lb.
- 3. A process for the preparation of a crystalline compound of formula II

II,

which process comprises steps a) and b) according to claim 1,

- c) separation of the compound of formula lb by recrystallisation
- d) hydrolysis of compound llb.
- 4. A process according to any one of claims 1 to 3, wherein the solvent is 1,2-dichlorobenzene and the reaction temperature of step a) is from 0° C to 5° C.
- 5. A process according to any one of claims 1 to 4, wherein pure 1,1,3-trimethyl-3-phenylindan and isobutyric acid halide are first brought together and aluminium chloride is metered in slowly in the course of from 2 to 3 hours, so that a local overdosing of aluminium chloride is avoided.